



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/711,952	10/15/2004	Ming-Feng Ho	AIPP0001USA	5951
27765	7590	09/18/2006	EXAMINER	
NORTH AMERICA INTELLECTUAL PROPERTY CORPORATION P.O. BOX 506 MERRIFIELD, VA 22116			REYES, MARIELA D	
			ART UNIT	PAPER NUMBER
			2191	

DATE MAILED: 09/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/711,952

Applicant(s)

HO ET AL.

Examiner

Mariela D. Reyes

Art Unit

2191

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 October 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 October 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3 and 7-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Haraburda et al (US PG Pub 20020077722).

Haraburda teaches a method and system for storing information (status, location, materials) about a manufactured product in a database that can be accessed remotely via the Internet using a manufacturing execution system (MES). (See Haraburda e.g. Paragraph [0015])

For Claims 1 and 7:

Haraburda anticipates applicant by teaching a method of querying a database that stores manufacture information of a product; the information being accessed through a user system via the Internet.

Applicant claims a method for online real-time query about a current status of an optical component, comprising: setting up a database for recording information about the current status of the optical component, wherein the information includes a manufacturing status of the optical component; establishing a connection between the database and a remote terminal through the Internet; and utilizing the remote terminal to

Art Unit: 2191

read the information stored in the database for acquiring the current status of the optical component.

Applicant's optical component would constitute a manufacturing product therefore applicant's claims are anticipated by Haraburda's teachings.

For Claims 2 and 8:

Haraburda anticipates applicant by teaching a manufacture product to be monitored and its information being stored in a database.

Applicant claims the method of claim 1 wherein the optical component is a mask.

Applicant's mask would constitute a manufacturing product therefore applicant's claims are anticipated by Haraburda's teachings.

For Claims 3 and 9:

Haraburda anticipates applicant by teaching that the information is transmitted to the database using a manufacturing execution system (MES). (See Harabura e.g. Paragraph [0019])

Art Unit: 2191

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 4, 6, 10 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Haraburda et al (US PG Pub 20020077722).

For Claims 4 and 10:

Haraburda teaches a method and system for storing information (status, location, materials) about a manufactured product in a database that can be accessed remotely via the Internet using a manufacturing execution system (MES). (See Haraburda e.g. Paragraph [0015]) However Haraburda doesn't teach adding a GPS system for transmitting the current position of the product to the database.

One with ordinary skill in the art at the time of the invention, would have the knowledge that a GPS transmits position information and would be motivated to combine a GPS with the teachings of Haraburda so that important and expensive products will always be tracked and their location will always be known.

For Claims 6 and 12:

Haraburda teaches a method and system for storing information (status, location, materials) about a manufactured product in a database that can be accessed remotely via the Internet using a manufacturing execution system (MES). (See Haraburda e.g.

Art Unit: 2191

Paragraph [0015]) However Haraburda doesn't teach that login information would be needed to access the information.

One with ordinary skill in the art at the time of the invention, would have knowledge of using login systems to control access to the manufacture data and would be motivated to combine this knowledge with Haraburda's teachings so that information would only be available to persons authorized to view therefore ensuring privacy.

Claims 5 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Haraburda et al (US PG Pub 20020077722) in view of Rodriguez et al (US PG Pub 20050114690).

Haraburda teaches a method and system for storing information (status, location, materials) about a manufactured product in a database that can be accessed remotely via the Internet using a manufacturing execution system (MES). (See Haraburda e.g. Paragraph [0015]) However Haraburda doesn't teach using a RFID system for transmitting the positional information to the database.

Rodriguez teaches a method and system for utilizing RFID that sends information to a database. (See Rodriguez e.g. Paragraph [0011])

Therefore, it would be obvious to one with ordinary skill in the art at the time of the invention, having the teachings of Haraburda and Rodriguez before him to be motivated to combine the afore mentioned teachings so that important and expensive products will always be tracked and their location will always be known.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mariela D. Reyes whose telephone number is (571) 270-1006. The examiner can normally be reached on M - F 7:30- 5:00 East time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Bruce can be reached on (571)- 272-2487. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MR
MR


DAVID BRUCE
SUPERVISORY PATENT EXAMINER